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PHENOLICS EPA 420.1 Rev 0 1978					
Facility Name: _____ VELAP ID: _____					
Assessor Name: _____ Analyst Name: _____ Inspection Date: _____					
Relevant Aspect of Standards	Method Reference	Y	N	N/A	Comments
Records Examined: SOP Number/ Revision/ Date _____ Analyst: _____					
Sample ID: _____ Date of Sample Preparation: _____ Date of Analysis: _____					
For Non-Potable Water samples, were samples collected in glass containers, preserved to pH < 2 with H ₂ SO ₄ , cooled to ≤6°C, and held for not longer than 28 days?	40 CFR 136 Table 1I				
Were samples stored at < 4 C and analyzed within 24 hours after collection?	4.1				
For distillation, was 500 mL of sample adjusted to pH of ~ 4 with H ₃ PO ₄ and 5 mL of CuSO ₄ . (This H ₃ PO ₄ and CuSO ₄ addition can be omitted if added for preservation.)	8.1.1				
Was an additional 50 mL of warm water added to distiller and distillation resumed until a total of 500 mL collected?	8.1.2				
Was the distillate filtered with a prewashed membrane filter if turbid?	8.1.3				
Direct Spectrophotometric Method Were working standards prepared as 0, 50, 100, 200, 500, 800, 1000 ug/L?	8.2.1				
To 100 mL of distillate or aliquot diluted to 100 mL was 2-mL of NH ₄ Cl buffer solution added which will adjust the pH to 10 +/- 0.2.	8.2.2				
After addition of 4-AAP and K ₃ Fe(CH) ₆ in order listed, did analyst wait 15 minutes before reading absorbance at 510 nm?	8.2.3 8.2.4				
Was absorbance of samples read at 520 nm after 15 minutes?	8.2.5				
Notes/ Comments:					

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Chloroform Extraction Method Were working standards prepared as 0, 6, 10, 20, 40, 50-ug/L (Standards may be prepped in 500 separatory funnels)?	8.3.1				
Is 500 mL or an aliquot diluted to 500 mL added to a 500 mL separatory funnel (Sample should contain < 50 ug/L phenol)?	8.3.2				
After addition of 4-AAP and K ₃ Fe(CH) ₆ in order listed, did analyst wait 15 minutes before reading absorbance at 510 nm?	8.3.4 8.3.5				
After 3 minutes, were samples extracted twice with Chloroform by shaking 10 times?	8.3.6				
Were chloroform extracts filtered through filter paper?	8.3.6				
Were the absorbances read at 460 nm?	8.3.8				
Notes/ Comments:					